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| Applicant:  | Alexander Berk et al.   | Paper No.:  |                                     |
| Serial No.: | 09/838,801  | Examiner:   | Stevens, Thomas H.                  |
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| For:        | BAND MODEL METHOD FOR<br>MODELING ATMOSPHERIC<br>PROPAGATION AT ARBITRARILY<br>FINE SPECTRAL RESOLUTION | Docket No.: | 16849-00004<br>(formerly SPSC/0103) |

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I hereby certify that this response is being filed electronically with the U.S. Patent and Trademark Office this 21st day of February, 2007.



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Brian M. Dingman

RESPONSE

This Response is in reply to the Office Action mailed on September 21, 2006, in the subject application.

Amendments to the claims begin on page 2 of this response.

Remarks begin on page 8 of this response.